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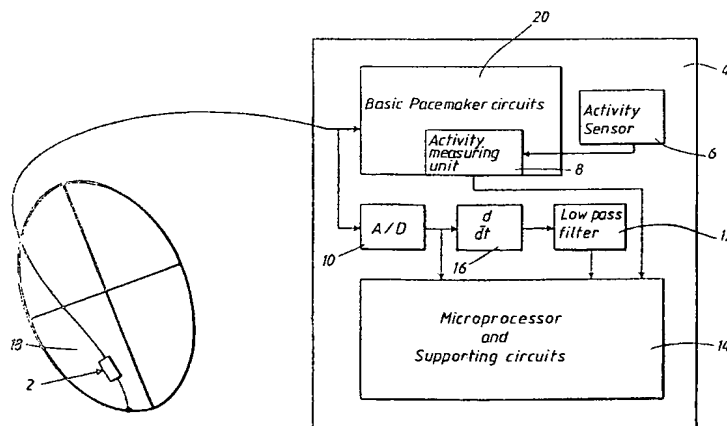
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— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE,

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(54) Title: DETECTION OF DIASTOLIC HEART FAILURE



(57) Abstract: An implantable medical apparatus for detecting diastolic heart failure, DHF, comprises a DHF determining device for determining at least one blood pressure parameter for detecting a DHF state of the heart of a patient. The DHF determining device comprises a pressure measuring means (2,10,12,16) for measuring pulse pressure in a cardiac cycle for a predetermined workload situation of the patient as said blood pressure parameter, and a comparison means (14) compares the measured pulse pressure with a predetermined reference value. A pacemaker comprises such an apparatus and control means (20) for optimising pacing therapy depending on the result of the comparison of the measured pulse pressures with said predetermined reference values. A corresponding method of detecting diastolic heart failure, DHF, comprises the step of determining at least one blood pressure parameter for detecting a DHF state of the heart of a patient. This step of determining at least one blood parameter comprises determining, as said blood pressure parameter, the pulse pressure in a cardiac cycle for a predetermined workload situation of the patient, and the determined pulse pressure is compared with a predetermined reference value.



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